

AMENDMENT

In the Specification:

Kindly amend the specification, as follows:

Page 1, line 4, after "This application" insert ~~is~~ a
divisional application of co-pending, commonly assigned ^{new us Patent 6,307,697}
Application Serial No. 09/550,643 filed April 14, 2000, which is
a divisional application of co-pending, commonly assigned ^{new us. Patent 6,252,732}
Application Serial No. 08/882,396 filed July 10, 1997, which ~~is~~

In the Claims:

✓ ✓ ✓
Please cancel claims 1-24 and 29-52, without prejudice.

Please add the following new claims:

1 --60. (New) A method for determining systematic time delays
2 in the writing of trigger patterns on a storage medium of a
3 storage device, said method comprising:

4 taking a plurality of measurements of at least one
5 trigger pattern at a plurality of radial positions; and

6 using said plurality of measurements to determine at
7 least one systematic time delay.--

1 --61. (New) The method of claim 60, wherein said at least
2 one systematic time delay is at least one off-track time shift
3 estimate.--

1 3 --62. (New) The method of claim 60, further comprising
2 using said at least one systematic time delay to write one or
3 more trigger patterns on said storage medium.--

METHOD AND APPARATUS FOR
CORRECTING FOR SYSTEMATIC ERRORS IN
TIMING PATTERN GENERATION

5 This application is a continuation-in-part
application of co-pending, commonly assigned
Application Serial No. 08/628,910, filed April 08,
1996^{now US Patent 5,901,003}, which is a divisional application of
Application Serial No. 08/348,773, filed December 01,
1994, now abandoned. Application Serial No.
10 08/628,910 is hereby incorporated herein by reference
in its entirety.

CROSS REFERENCE TO RELATED APPLICATIONS

15 This application is related to United States
Patent No. 5,485,322 of T. Chainer et al. issued on
January 16, 1996 entitled, "Method and System for
Writing a Clock Track on a Storage Medium", which is
a divisional application of Application Serial No.
08/028,044, filed March 08, 1993, now abandoned.
U.S. Patent No. 5,485,322 is commonly assigned
20 herewith, and hereby incorporated herein by reference
in its entirety. It is also related to United States
Patent No. 5,612,833 of E. Yarmchuk et. al., Attorney
Docket No. Y0994-253A, issued on March 18, 1997
entitled, "Radial Self-Propagation Pattern Generation
25 for Disk File Servowriting," which is also hereby
incorporated herein by reference in its entirety.

TECHNICAL FIELD

30 The invention relates generally to hard disk
drive memory storage devices for computers. More
particularly, it relates to disk drive apparatus and